

10/690,527

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1204rxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 4 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 5 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 6 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 7 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 8 JAN 30 Saved answer limit increased
NEWS 9 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 10 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 11 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 12 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 13 FEB 28 MEDLINE/LMEDLINE reload improves functionality
NEWS 14 FEB 28 TOXCENTER reloaded with enhancements
NEWS 15 FEB 28 REGISTRY/ZREGISTRY enhanced with more experimental spectral
property data
NEWS 16 MAR 01 INSPEC reloaded and enhanced
NEWS 17 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 18 MAR 08 X.25 communication option no longer available after June 2006
NEWS 19 MAR 22 EMBASE is now updated on a daily basis
NEWS 20 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 21 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC
thesaurus added in PCTFULL
NEWS 22 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 23 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 24 APR 12 Improved structure highlighting in FQHIT and QHIT display
in MARPAT
NEWS 25 APR 12 Derwent World Patents Index to be reloaded and enhanced during
second quarter; strategies may be affected

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:29:36 ON 20 APR 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:29:46 ON 20 APR 2006

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 APR 2006 HIGHEST RN 881002-15-9

DICTIONARY FILE UPDATES: 18 APR 2006 HIGHEST RN 881002-15-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

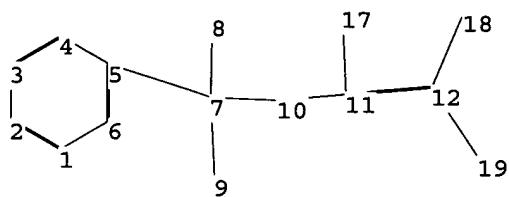
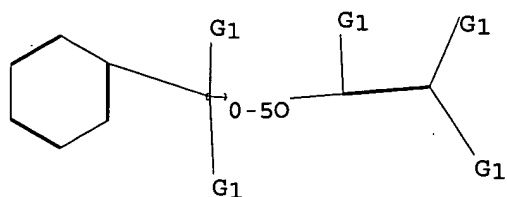
=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\Documents and Settings\rkeys\My Documents\STNEXP4\TEMPLATE\STANDARD\690527.str

10/690,527



chain nodes :

7 8 9 10 11 12 17 18 19

ring nodes :

1 2 3 4 5 6

chain bonds :

5-7 7-8 7-9 7-10 10-11 11-12 11-17 12-18 12-19

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

7-8 7-9 7-10 10-11 11-17 12-18 12-19

exact bonds :

5-7 11-12

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:H,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 17:CLASS 18:CLASS 19:CLASS

L1 STRUCTURE UPLOADED

=> que L1

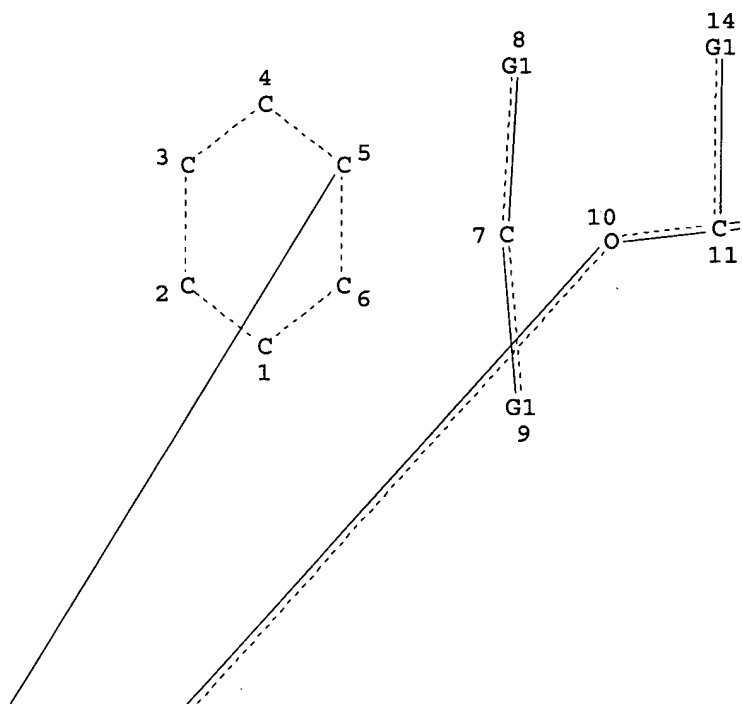
L2 QUE L1

=> d

L2 HAS NO ANSWERS

L1 STR

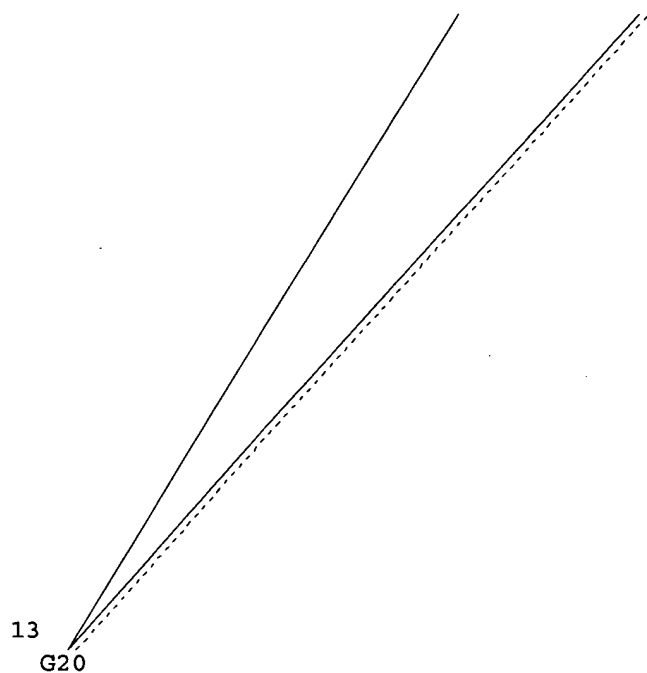
H 17 Ak 18



A diagram of a Y-junction. A central node is labeled 'C 12'. Two branches extend from this node. The upper branch ends at a node labeled 'G1 15'. The lower branch ends at a node labeled 'G1 16'. Dashed lines connect the central node to the branch nodes. A double line extends to the left from the central node.

Page 1-B

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Page 2-A

VAR G1=17/18

REP G20=(0-5) 7-10 7-5

NODE ATTRIBUTES:

NSPEC	IS R	AT	1
NSPEC	IS R	AT	2
NSPEC	IS R	AT	3
NSPEC	IS R	AT	4
NSPEC	IS R	AT	5
NSPEC	IS R	AT	6
NSPEC	IS C	AT	7
NSPEC	IS C	AT	8
NSPEC	IS C	AT	9
NSPEC	IS C	AT	10
NSPEC	IS C	AT	11
NSPEC	IS C	AT	12
NSPEC	IS C	AT	13
NSPEC	IS C	AT	14
NSPEC	IS C	AT	15
NSPEC	IS C	AT	16

DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 7 10 11 12 17 18

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE

L2 QUE L1

=> s 12

SAMPLE SEARCH INITIATED 09:30:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 41508 TO ITERATE

10/690,527

4.8% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

15 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 817996 TO 842324
PROJECTED ANSWERS: 5168 TO 7284

L3 15 SEA SSS SAM L1

=> s l2 ful
FULL SEARCH INITIATED 09:30:25 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 831744 TO ITERATE

97.1% PROCESSED 807752 ITERATIONS 7425 ANSWERS

98.6% PROCESSED 820319 ITERATIONS 7444 ANSWERS

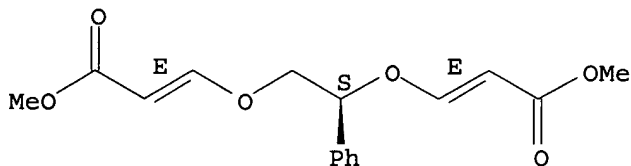
100.0% PROCESSED 831744 ITERATIONS 7454 ANSWERS
SEARCH TIME: 00.00.35

L4 7454 SEA SSS FUL L1

=> d scan

L4 7454 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenoic acid, 3,3'-[[[(1S)-1-phenyl-1,2-ethanediyl]bis(oxy)]bis-,
dimethyl ester, (2E,2'E)- (9CI)
MF C16 H18 O6

Absolute stereochemistry.
Double bond geometry as shown.



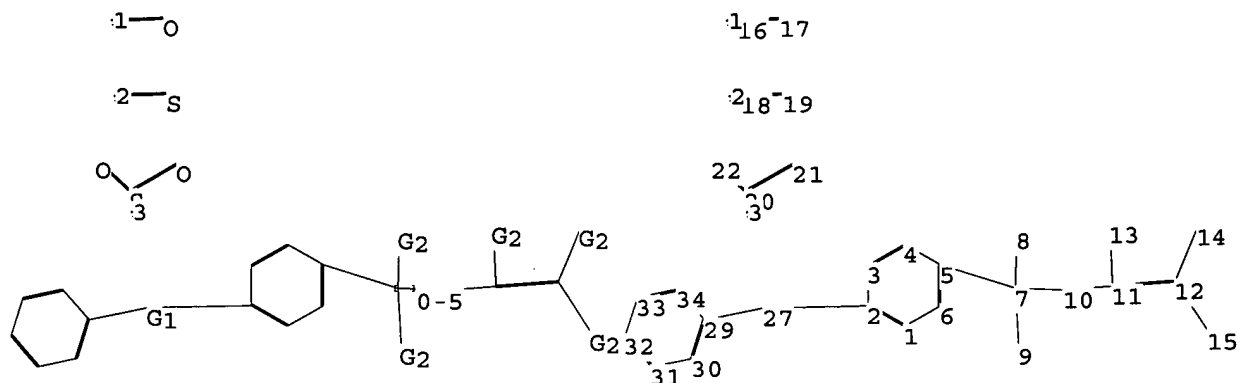
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Documents and Settings\rkeys\My
Documents\STNEXP4\TEMPLATE\STANDARD\690527a.str

10/690,527



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 27

ring nodes :

1 2 3 4 5 6 29 30 31 32 33 34

chain bonds :

2-27 5-7 7-8 7-9 7-10 10-11 11-12 11-13 12-14 12-15 16-17 18-19 20-21
20-22 27-29

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 29-34 29-30 30-31 31-32 32-33 33-34

exact/norm bonds :

2-27 7-8 7-9 7-10 10-11 11-13 12-14 12-15 16-17 18-19 20-21 20-22 27-29

exact bonds :

5-7 11-12

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 29-34 29-30 30-31 31-32 32-33 33-34

isolated ring systems :

containing 1 : 29. :

G1:O,S,[*1],[*2],[*3]

G2:H,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 27:CLASS 29:Atom 30:Atom 31:Atom
32:Atom 33:Atom 34:Atom

L5 STRUCTURE UPLOADED

=> que L5

L6 QUE L5

=> s 16 sub=14 full

FULL SUBSET SEARCH INITIATED 09:33:02 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 391 TO ITERATE

100.0% PROCESSED 391 ITERATIONS
SEARCH TIME: 00.00.01

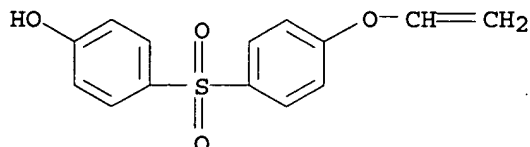
74 ANSWERS

10/690,527

L7 74 SEA SUB=L4 SSS FUL L5

=> d scan

L7 74 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Phenol, 4-[[4-(ethenyloxy)phenyl]sulfonyl]- (9CI)
MF C14 H12 O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

208.98

209.19

FILE 'CAPLUS' ENTERED AT 09:33:44 ON 20 APR 2006
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FILE COVERS 1907 - 20 Apr 2006 VOL 144 ISS 17
FILE LAST UPDATED: 19 Apr 2006 (20060419/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 17

L8 44 L7

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 44 DUP REM L8 (0 DUPLICATES REMOVED)

=> d scan

L9 44 ANSWERS CAPLUS COPYRIGHT 2006 ACS on STN
IC ICM B41M005-30
ICS B41M005-26

10/690,527

CC 74-6 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)
TI Thermal recording material containing leuco dye and developer
ST thermal recording material color developer phenylsulfonylphenoxy compd; benzenesulfonamide sensitizer thermal recording material
IT Thermal printing materials
(thermal recording material containing leuco dye and phenylsulfonylphenoxy compound developer)
IT 168834-47-7P 190078-76-3P 402825-93-8P
RL: PNU (Preparation, unclassified); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(color developer; thermal recording material containing leuco dye and phenylsulfonylphenoxy compound developer)
IT 190078-73-0 190078-75-2 268204-83-7 268218-96-8,
4,4'-Bis[4-[4-(4-hydroxyphenylsulfonyl)phenoxy]-2-trans-butenyloxy]diphenylsulfone
RL: TEM (Technical or engineered material use); USES (Uses)
(color developer; thermal recording material containing leuco dye and phenylsulfonylphenoxy compound developer)
IT 111-44-4, Bis(2-chloroethyl) ether 623-25-6, α,α' -Dichloro-p-xylene
RL: RCT (Reactant); RACT (Reactant or reagent)
(in preparation of phenylsulfonylphenoxy compound developer for thermal recording material)
IT 70-55-3 88-19-7 138-38-5 10403-74-4, 1,2-Bis(phenoxyethyl)benzene
18241-31-1, Di(p-methylbenzyl) oxalate
RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)
(sensitizer; thermal recording material containing leuco dye and phenylsulfonylphenoxy compound developer)
IT 267228-55-7P
RL: PNU (Preparation, unclassified); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(thermal recording material containing leuco dye and phenylsulfonylphenoxy compound developer)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s 19 and 1700-2003/py

L10 44 S L9

23840067 1700-2003/PY

L11 36 L10 AND 1700-2003/PY

=> d 1-36 bib fhitstr

L11 ANSWER 1 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:679404 CAPLUS

DN 139:319905

TI Oxidosqualene cyclase inhibitors as antimicrobial agents

AU Hinshaw, Jerald C.; Suh, Dae-Yeon; Garnier, Philippe; Buckner, Frederick S.; Eastman, Richard T.; Matsuda, Seiichi P. T.; Joubert, Bridget M.; Coppens, Isabelle; Joiner, Keith A.; Merali, Salim; Nash, Theodore E.; Prestwich, Glenn D.

CS Department of Medicinal Chemistry, University of Utah, Salt Lake City, UT, 84108-1257, USA

SO Journal of Medicinal Chemistry (2003), 46(20), 4240-4243

CODEN: JMCMAR; ISSN: 0022-2623

PB American Chemical Society

DT Journal

LA English

IT 615283-70-0

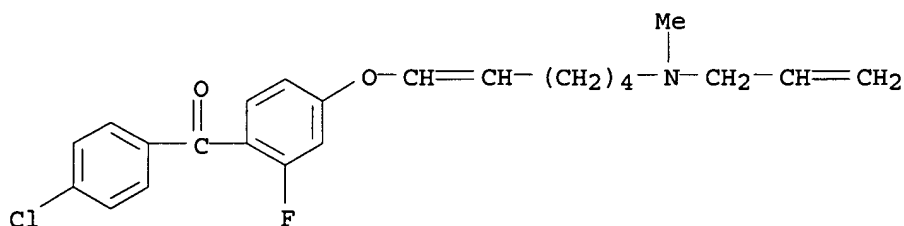
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(oxidosqualene cyclase inhibitors as antimicrobial agents)

10/690,527

RN 615283-70-0 CAPLUS
CN Butanedioic acid, compd. with (4-chlorophenyl) [2-fluoro-4-[[6-(methyl-2-propenylamino)-1-hexenyl]oxy]phenyl]methanone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 615283-69-7
CMF C23 H25 Cl F N O2



CM 2

CRN 110-15-6
CMF C4 H6 O4

HO₂C-CH₂-CH₂-CO₂H

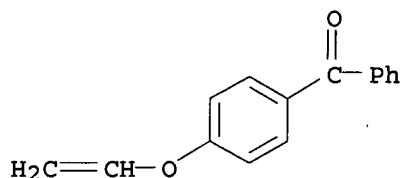
RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:653216 CAPLUS
DN 139:197933
TI UV-crosslinkable copolymers
IN Meyer, Harald; Becker, Heike; Erhardt, Ulrich; Schumacher, Karl-heinz;
Jung, Martin; Henkelmann, Jochem
PA BASF AG, Germany
SO Ger. Offen., 14 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10206987	A1	20030821	DE 2002-10206987	20020219 <--
	WO 2003070792	A1	20030828	WO 2003-EP1057	20030204 <--
	WO 2003070792	C1	20031030		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU	2003208787	A1	20030909	AU 2003-208787	20030204 <--
EP	1478671	A1	20041124	EP 2003-706420	20030204
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10/690,527

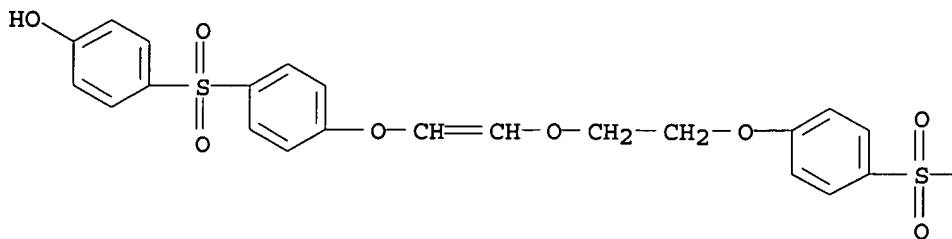
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
US 2005080213 A1 20050414 US 2003-502647 20030204
PRAI DE 2002-10206987 A 20020219
WO 2003-EP1057 W 20030204
OS MARPAT 139:197933
IT 437614-72-7P, 4-Vinyloxybenzophenone
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT
(Reactant or reagent)
(UV-crosslinkable copolymers of aceto- or benzophenone derivs. having
vinyl ether groups for hydrolysis-resistant adhesives)
RN 437614-72-7 CAPLUS
CN Methanone, [4-(ethenyloxy)phenyl]phenyl- (9CI) (CA INDEX NAME)

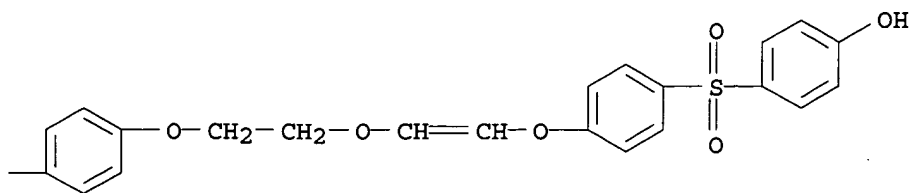


L11 ANSWER 3 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:568023 CAPLUS
DN 137:132146
TI Thermal recording material containing leuco dye and developer
IN Fukuchi, Tadakazu; Sumikawa, Naomi; Imai, Daisuke; Kimura, Yoshihide
PA Nippon Paper Industries Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002211140	A2	20020731	JP 2001-8168	20010116 <--
PRAI	JP 2001-8168		20010116		
OS	MARPAT 137:132146				
IT	190078-75-2				
	RL: TEM (Technical or engineered material use); USES (Uses) (color developer; thermal recording material containing leuco dye and phenylsulfonylphenoxy compound developer)				
RN	190078-75-2 CAPLUS				
CN	Phenol, 4,4'-[sulfonylbis(4,1-phenyleneoxy-2,1-ethanediylloxy-2,1-ethenediylloxy-4,1-phenylenesulfonyl)]bis- (9CI) (CA INDEX NAME)				

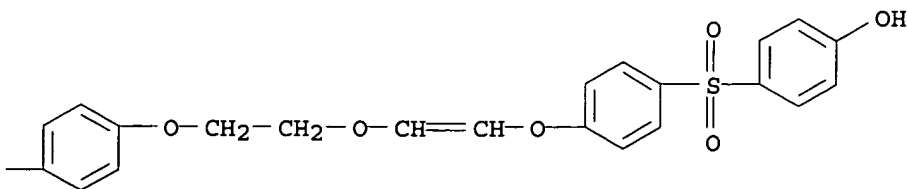
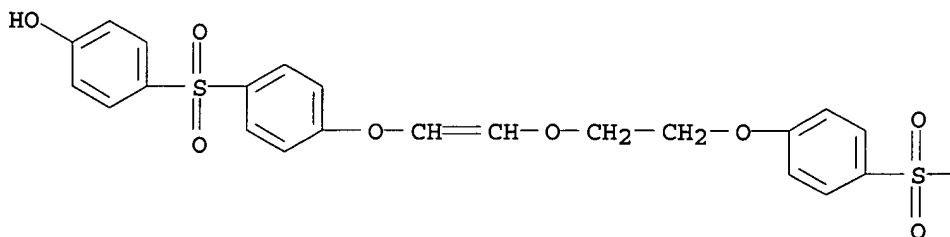
PAGE 1-A





L11 ANSWER 4 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2001:717262 CAPLUS
 DN 135:280535
 TI Heat-sensitive recoding sheet containing color-developing agent having
 diphenylsulfone groups
 IN Ogawa, Hidenori; Midorikawa, Yoshimi; Fukuchi, Tadakazu; Imai, Daisuke;
 Kimura, Yoshihide
 PA Nippon Paper Industries, Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 13 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001270254	A2	20011002	JP 2000-86006	20000327 <--
PRAI	JP 2000-86006		20000327		
OS	MARPAT 135:280535				
IT	190078-75-2				
RL:	TEM (Technical or engineered material use); USES (Uses) (color-developing agent in heat-sensitive recoding sheet)				
RN	190078-75-2	CAPLUS			
CN	Phenol, 4,4'-[sulfonylbis(4,1-phenyleneoxy-2,1-ethanediyl)-oxy-2,1-ethenediyl]-4,1-phenylenesulfonyl]]bis- (9CI) (CA INDEX NAME)				

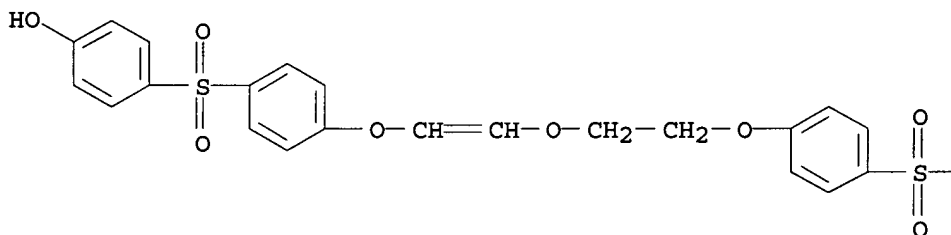


10/690,527

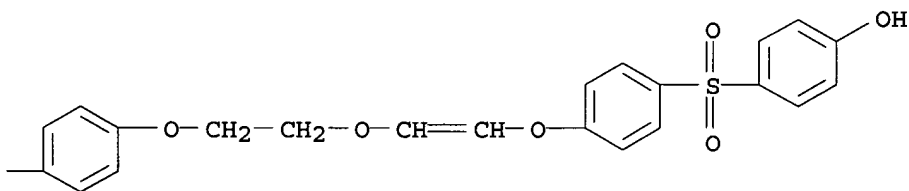
AN 2000:672772 CAPLUS
DN 133:259361
TI Thermal printing material
IN Fukuchi, Tadakazu; Sumikawa, Naomi; Ogawa, Hidenori; Imai, Daisuke; Sato, Reiko; Kimura, Yoshihide
PA Nihon Seishi K. K., Japan
SO Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000263947	A2	20000926	JP 1999-71215	19990317 <--
PRAI	JP 1999-71215		19990317		
IT	190078-75-2P				
RL:	DEV (Device component use); PNU (Preparation, unclassified); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (color developer; thermal printing material containing leuco dye-type coloring component and metal chelate-type coloring component)				
RN	190078-75-2 CAPLUS				
CN	Phenol, 4,4'-[sulfonylbis(4,1-phenyleneoxy-2,1-ethanediyl)oxy-2,1-ethenediyl]bis- (9CI) (CA INDEX NAME)				

PAGE 1-A



PAGE 1-B



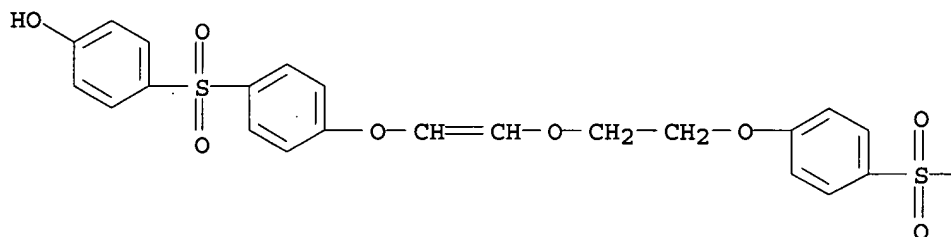
L11 ANSWER 6 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1998:724190 CAPLUS
DN 130:24854
TI Preparation of 4,4'-bis[4-(4-hydroxyphenylsulfonyl)phenoxy]diphenylsulfone
s and their intermediates as color developers for thermal printing
IN Hidaka, Tomoya; Fujii, Hiroshi; Kawabe, Toru
PA Nippon Soda Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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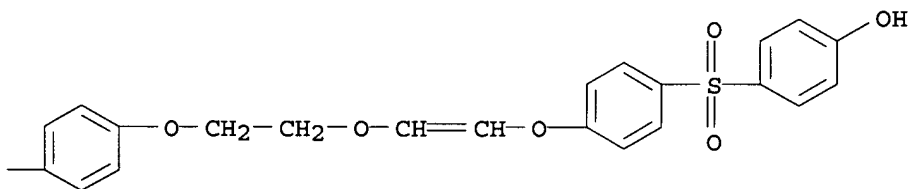
10/690,527

PI JP 10298161 A2 19981110 JP 1997-109084 19970425 <--
PRAI JP 1997-109084 19970425
OS MARPAT 130:24854
IT **190078-75-2P**
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); TEM
(Technical or engineered material use); PREP (Preparation); USES (Uses)
(preparation of [bis[(hydroxyphenylsulfonyl)phenoxy]diphenylsulfones as
developers for thermal printing)
RN 190078-75-2 CAPLUS
CN Phenol, 4,4'-[sulfonylbis(4,1-phenyleneoxy-2,1-ethanediyl)oxy-2,1-
ethenediyl-4,1-phenylenesulfonyl]]bis- (9CI) (CA INDEX NAME)

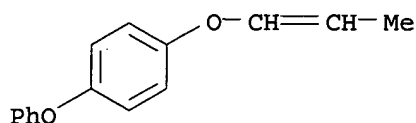
PAGE 1-A



PAGE 1-B



L11 ANSWER 7 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1998:275236 CAPLUS
DN 128:252579
TI Structure-Activity Relationship of New Growth Inhibitors of Trypanosoma
cruzi
AU Cinque, Gueendalina M.; Szajnman, Sergio H.; Zhong, Li; Docampo, Roberto;
Schvartzapel, Andrea J.; Rodriguez, Juan B.; Gros, Eduardo G.
CS Departamento de Quimica Organica Facultad de Ciencias Exactas y Naturales,
Universidad de Buenos Aires, Buenos Aires, 1428, Argent.
SO Journal of Medicinal Chemistry (1998), 41(9), 1540-1554
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
IT **205382-04-3P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); SPN (Synthetic preparation); BIOL (Biological
study); PREP (Preparation)
(structure-activity relationship of new growth inhibitors of
trypanosoma cruzi)
RN 205382-04-3 CAPLUS
CN Benzene, 1-phenoxy-4-(1-propenyloxy)- (9CI) (CA INDEX NAME)



RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 8 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1997:385699 CAPLUS

DN 127:11144

TI Preparation of diphenyl sulfone crosslinking compounds as recording materials

IN Sato, Takehiro; Fujii, Hiroshi; Sato, Shinichi; Hidaka, Tomoya; Aoiki, Izuo

PA Nippon Soda Co., Ltd., Japan

SO PCT Int. Appl., 49 pp.

CODEN: PIXXD2

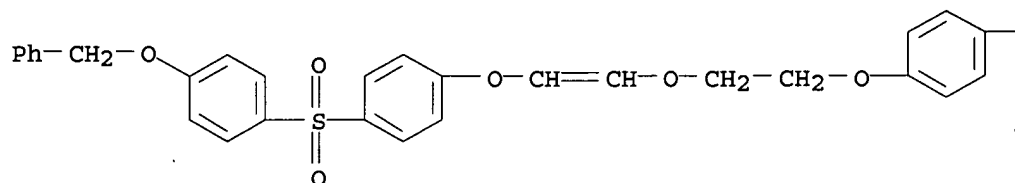
DT Patent

LA Japanese

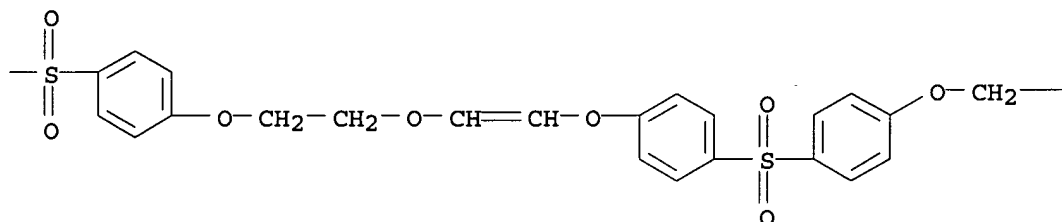
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9716420	A1	19970509	WO 1996-JP3117	19961025 <--
	W: AU, BR, CN, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 10029969	A2	19980203	JP 1996-298158	19961022 <--
	AU 9673364	A1	19970522	AU 1996-73364	19961025 <--
	AU 707867	B2	19990722		
	EP 860429	A1	19980826	EP 1996-935442	19961025 <--
	EP 860429	B1	20011212		
	R: DE, FR, GB, IT, FI				
	CN 1200727	A	19981202	CN 1996-197882	19961025 <--
	CN 1087286	B	20020710		
	BR 9611435	A	19990323	BR 1996-11435	19961025 <--
	US 6037308	A	20000314	US 1998-66461	19980430 <--
PRAI	JP 1995-306589	A	19951031		
	JP 1996-75304	A	19960305		
	JP 1996-84615	A	19960313		
	JP 1996-93318	A	19960322		
	JP 1996-145040	A	19960515		
	WO 1996-JP3117	W	19961025		
OS	MARPAT 127:11144				
IT	190078-80-9P				
	RL: RCT (Reactant); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)				
	(preparation of di-Ph sulfone crosslinking compds. as recording materials)				
RN	190078-80-9 CAPLUS				
CN	Benzene, 1,1'-sulfonylbis[4-[2-[[2-[4-[(phenylmethoxy)phenyl]sulfonyl]phenoxy]ethenyl]oxy]ethoxy]- (9CI) (CA INDEX NAME)				

PAGE 1-A



PAGE 1-B



PAGE 1-C

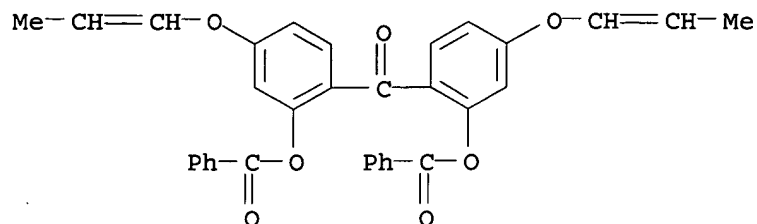
— Ph

L11 ANSWER 9 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1997:204105 CAPLUS
 DN 126:218681
 TI Heat-sensitive recording materials with protective layer containing
 2-hydroxybenzophenone derivatives
 IN Takashima, Masanobu; Minami, Kazumori
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 32 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

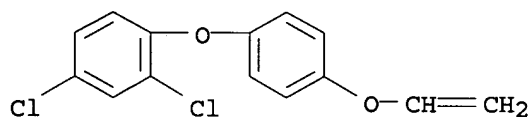
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09039395	A2	19970210	JP 1995-208384	19950724 <--
PRAI	JP 1995-208384		19950724		
IT	187727-61-3				

RL: TEM (Technical or engineered material use); USES (Uses)
 (heat-sensitive recording materials with protective layer containing
 hydroxybenzophenone derivs. with improved light-resistance and
 fixation)
 RN 187727-61-3 CAPLUS
 CN Methanone, bis[2-(benzoyloxy)-4-(1-propenyloxy)phenyl]- (9CI) (CA INDEX
 NAME)

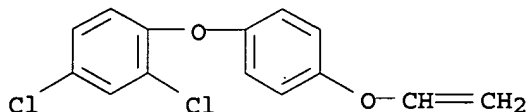
10/690,527



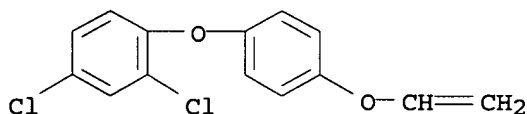
L11 ANSWER 10 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1995:553808 CAPLUS
DN 123:77001
TI Tandem mass spectrometric identification of transformation products in degradative biofilms.
AU Headley, John V.; Peru, Kerry M.; Lawrence, John R.; Wolfaardt, Gideon M.
CS National Hydrology Research Institute, Saskatoon, SK, S7N 3H5, Can.
SO Analytical Chemistry (1995), 67(11), 1831-7
CODEN: ANCHAM; ISSN: 0003-2700
PB American Chemical Society
DT Journal
LA English
IT 156276-74-3
RL: ANT (Analyte); BSU (Biological study, unclassified); MFM (Metabolic formation); ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative)
(tandem mass spectrometric identification of diclofop-Me transformation products in degradative biofilms)
RN 156276-74-3 CAPLUS
CN Benzene, 2,4-dichloro-1-[4-(ethenyloxy)phenoxy]- (9CI) (CA INDEX NAME)



L11 ANSWER 11 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1995:282694 CAPLUS
DN 122:74522
TI Bioaccumulation of the herbicide diclofop in extracellular polymers and its utilization by a biofilm community during starvation
AU Wolfaardt, G. M.; Lawrence, J. R.; Robarts, R. D.; Caldwell, D. E.
CS Natl. Hydrology Res. Inst., Environment Canada, Saskatoon, SK, S7N 3H5, Can.
SO Applied and Environmental Microbiology (1995), 61(1), 152-8
CODEN: AEMIDF; ISSN: 0099-2240
PB American Society for Microbiology
DT Journal
LA English
IT 156276-74-3
RL: BPR (Biological process); BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative); PROC (Process)
(bioaccumulation of diclofop and its metabolites in extracellular polymers and its utilization by biofilm community during starvation).
RN 156276-74-3 CAPLUS
CN Benzene, 2,4-dichloro-1-[4-(ethenyloxy)phenoxy]- (9CI) (CA INDEX NAME)



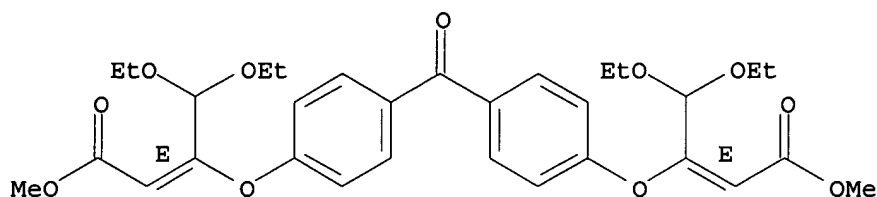
L11 ANSWER 12 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1995:177706 CAPLUS
 DN 122:88821
 TI Transformation of the herbicide diclofop-methyl in a large-scale physical aquifer model
 AU Headley, J. V.; Lawrence, J. R.; Zanyk, B. N.; Brooks, Paul W.
 CS Natl. Hydrology Res. Inst., Saskatoon, S7N 3H5, Can.
 SO Water Pollution Research Journal of Canada (1994), 29(4), 557-69
 CODEN: WRJCD9; ISSN: 0197-9140
 PB Canadian Association on Water Pollution Research and Control
 DT Journal
 LA English
 IT 156276-74-3
 RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
 (transformation of diclofop-Me in large-scale phys. aquifer model)
 RN 156276-74-3 CAPLUS
 CN Benzene, 2,4-dichloro-1-[4-(ethenoxy)phenoxy]- (9CI) (CA INDEX NAME)



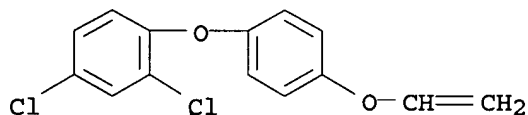
L11 ANSWER 13 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1994:655631 CAPLUS
 DN 121:255631
 TI Preparation of 4-aryloxy-5-hydroxy-2(5H)-furanones as inhibitors of bone loss
 IN Sabatucci, Joseph P.
 PA American Home Products Corp., USA
 SO U.S., 8 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5336687	A	19940809	US 1993-101885	19930804 <--
	US 5466830	A	19951114	US 1994-245388	19940518 <--
PRAI	US 1993-101885	A3	19930804		
OS	MARPAT 121:255631				
IT	158590-06-8P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of 4-aryloxy-5-hydroxy-2(5H)-furanones as inhibitors of bone loss)				
RN	158590-06-8	CAPLUS			
CN	2-Butenoic acid, 3,3'-[carbonylbis(4,1-phenyleneoxy)]bis[4,4-diethoxy-, dimethyl ester, (E,E)- (9CI) (CA INDEX NAME)				

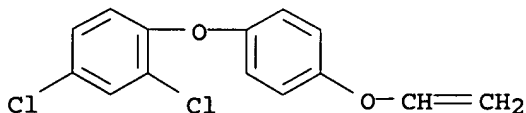
Double bond geometry as shown.



L11 ANSWER 14 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1994:648207 CAPLUS
 DN 121:248207
 TI Microbial exopolymers provide a mechanism for bioaccumulation of
 contaminants
 AU Wolfaardt, G. M.; Lawrence, J. R.; Headley, J. V.; Robarts, R. D.;
 Caldwell, D. E.
 CS National Hydrology Research Institute, Saskatoon, SK, S7N 3H5, Can.
 SO Microbial Ecology (1994), 27(3), 279-91
 CODEN: MCBEBU; ISSN: 0095-3628
 DT Journal
 LA English
 IT 156276-74-3
 RL: BPR (Biological process); BSU (Biological study, unclassified); MFM
 (Metabolic formation); BIOL (Biological study); FORM (Formation,
 nonpreparative); PROC (Process)
 (microbial exopolymers provide a mechanism for bioaccumulation of
 contaminants)
 RN 156276-74-3 CAPLUS
 CN Benzene, 2,4-dichloro-1-[4-(ethenyloxy)phenoxy]- (9CI) (CA INDEX NAME)



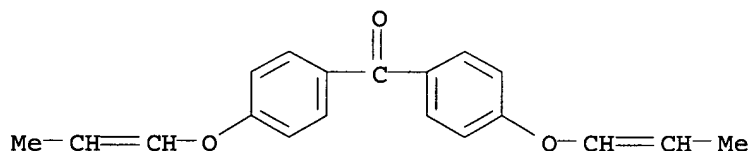
L11 ANSWER 15 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1994:452244 CAPLUS
 DN 121:52244
 TI Collision-induced dissociation mass spectrometry of the herbicide
 diclofop-methyl
 AU Headley, John V.; Peru, K. M.; Brooks, Paul W.
 CS Natl. Hydrol. Res. Inst., Saskatoon, SK, S7N 3H5, Can.
 SO Rapid Communications in Mass Spectrometry (1994), 8(6), 484-6
 CODEN: RCMSEF; ISSN: 0951-4198
 DT Journal
 LA English
 IT 156276-74-3
 RL: ANST (Analytical study)
 (diclofop-Me dissociation product, mass spectra of)
 RN 156276-74-3 CAPLUS
 CN Benzene, 2,4-dichloro-1-[4-(ethenyloxy)phenoxy]- (9CI) (CA INDEX NAME)



10/690,527

L11 ANSWER 16 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1993:540479 CAPLUS
DN 119:140479
TI Heat-resistant resin compositions for sealing semiconductors
IN Kanayama, Kaoru; Ichikawa, Shuji
PA Mitsubishi Petrochemical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

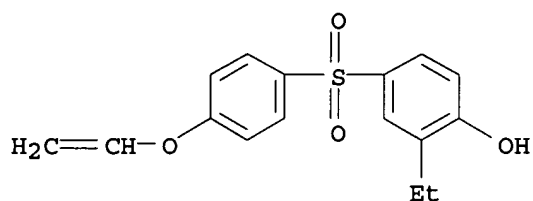
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05051418	A2	19930302	JP 1991-236795	19910826 <--
PRAI	JP 1991-236795		19910826		
IT	149829-41-4P				
	RL: PREP (Preparation) (preparation of)				
RN	149829-41-4 CAPLUS				
CN	Methanone, bis[4-(1-propenyloxy)phenyl]- (9CI)			(CA INDEX NAME)	



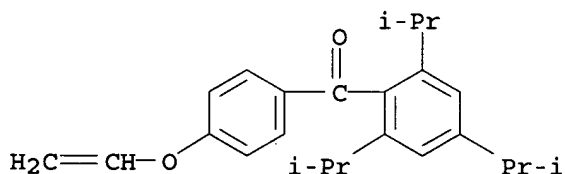
L11 ANSWER 17 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1992:235240 CAPLUS
DN 116:235240
TI Preparation of hydroxydiphenylsulfones as developers for heat-sensitive recording materials
IN Minami, Toshiaki; Ohashi, Reiji; Umeda, Hiroaki; Kinishi, Ryoichi; Shimada, Akira,
PA Jujo Paper Co., Ltd., Japan; Yoshitomi Pharmaceutical Industries, Ltd.
SO Eur. Pat. Appl., 29 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 466096	A1	19920115	EP 1991-111404	19910709 <--
	R: BE, DE, FR, GB, IT, SE				
	JP 04342562	A2	19921130	JP 1991-130209	19910603 <--
	CA 2046687	AA	19920113	CA 1991-2046687	19910710 <--
PRAI	JP 1990-184727	A	19900712		
	JP 1991-47157	A	19910313		
OS	MARPAT 116:235240				
IT	141189-67-5P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as developer for heat-sensitive recording materials)				
RN	141189-67-5 CAPLUS				
CN	Phenol, 4-[[4-(ethenyloxy)phenyl]sulfonyl]-2-ethyl- (9CI)			(CA INDEX NAME)	

10/690,527



L11 ANSWER 18 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1991:102968 CAPLUS
DN 114:102968
TI Design and synthesis of new thermally reversible photoresponsive polymers
AU Cameron, James F.; Frechet, Jean M. J.
CS Dep. Chem., Cornell Univ., Ithaca, NY, 14853-1301, USA
SO Macromolecules (1991), 24(5), 1088-95
CODEN: MAMOBX; ISSN: 0024-9297
DT Journal
LA English
IT 131759-80-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and polymerization with maleic anhydride)
RN 131759-80-3 CAPLUS
CN Methanone, [4-(ethenyloxy)phenyl] [2,4,6-tris(1-methylethyl)phenyl]- (9CI)
(CA INDEX NAME)



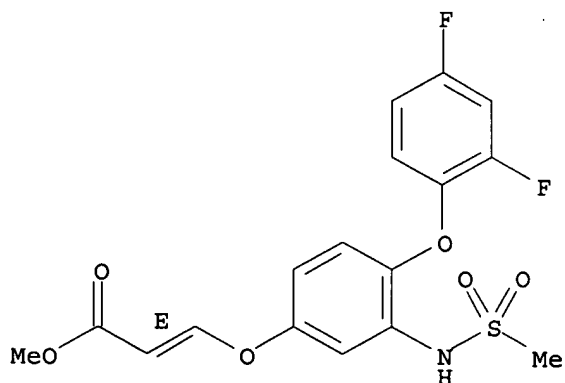
L11 ANSWER 19 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1989:614389 CAPLUS
DN 111:214389
TI Preparation and formulation of 7-methanesulfonylamino-6-phenoxy-4H-1-benzopyran-4-ones and analogs as antiinflammatory agents
IN Takano, Shuntaro; Yoshida, Chosaku; Inaba, Takihiro; Tanaka, Keiichi; Takeno, Ryuko; Nagaki, Hideyoshi; Shimotori, Tomoya; Makino, Shinji
PA Toyama Chemical Co., Ltd., Japan
SO Ger. Offen., 142 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3834204	A1	19890420	DE 1988-3834204	19881007 <--
	DE 3834204	C2	19920423		
	JP 02049778	A2	19900220	JP 1988-250811	19881006 <--
	JP 07053725	B4	19950607		
	FI 8804626	A	19890409	FI 1988-4626	19881007 <--
	FI 98460	B	19970314		
	FI 98460	C	19970625		
	SE 8803570	A	19890409	SE 1988-3570	19881007 <--
	SE 468595	B	19930215		
	SE 468595	C	19930617		

10/690,527

AU 8823489	A1	19890413	AU 1988-23489	19881007 <--
AU 605363	B2	19910110		
FR 2621585	A1	19890414	FR 1988-13205	19881007 <--
FR 2621585	B1	19940128		
NL 8802464	A	19890501	NL 1988-2464	19881007 <--
NL 194914	B	20030303		
NL 194914	C	20030704		
GB 2210879	A1	19890621	GB 1988-23567	19881007 <--
GB 2210879	B2	19910918		
ES 2013801	A6	19900601	ES 1988-3062	19881007 <--
US 4954518	A	19900904	US 1988-255121	19881007 <--
BE 1002226	A5	19901023	BE 1988-1158	19881007 <--
CH 679397	A	19920214	CH 1988-3763	19881007 <--
CA 1320959	A1	19930803	CA 1988-579624	19881007 <--
AT 8802495	A	19930615	AT 1988-2495	19881010 <--
AT 397088	B	19940125		
ES 2017836	A6	19910301	ES 1989-3464	19891013 <--
ES 2017837	A6	19910301	ES 1989-3466	19891013 <--
ES 2017838	A6	19910301	ES 1989-3467	19891013 <--
ES 2017839	A6	19910301	ES 1989-3468	19891013 <--
ES 2018111	A6	19910316	ES 1989-3463	19891013 <--
ES 2018112	A6	19910316	ES 1989-3465	19891013 <--
ES 2018113	A6	19910316	ES 1989-3469	19891013 <--
JP 07267943	A2	19951017	JP 1995-2492	19950111 <--
PRAI JP 1987-254251	A	19871008		
JP 1988-119990	A	19880517		
JP 1988-250811	A	19881006		
OS MARPAT 111:214389				
IT 123664-42-6P				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
(preparation and reaction of, in preparation of antiinflammatory agents)				
RN 123664-42-6 CAPLUS				
CN 2-Propenoic acid, 3-[4-(2,4-difluorophenoxy)-3-[(methylsulfonyl)amino]phenoxy]-, methyl ester, (E)- (9CI) (CA INDEX NAME)				

Double bond geometry as shown.



L11 ANSWER 20 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1987:587577 CAPLUS
DN 107:187577
TI Thermal recording materials
IN Kurisu, Tokuo; Iiyama, Kyotaka
PA Ricoh Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.

10/690,527

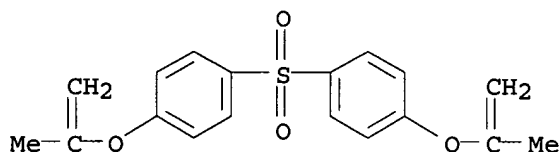
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62056187	A2	19870311	JP 1985-196623	19850905 <--
PRAI	JP 1985-196623		19850905		
IT	110984-91-3				
	RL: USES (Uses)				
	(leuco dye developer, thermal recording material containing)				
RN	110984-91-3 CAPLUS				
CN	Benzene, 1,1'-sulfonylbis[4-[(1-methylethenyl)oxy]- (9CI) (CA INDEX NAME)				



L11 ANSWER 21 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1987:406939 CAPLUS

DN 107:6939

TI 2-(Phenoxy or phenylthio)propenoates as fungicides and plant-growth regulators, their formulations, and processes for their preparation

IN Clough, John Martin; Godfrey, Christopher Richard Ayles

PA Imperial Chemical Industries PLC, UK

SO Eur. Pat. Appl., 38 pp.

CODEN: EPXXDW

DT Patent

LA English

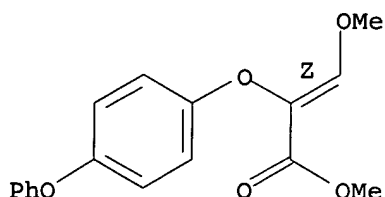
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 212859	A2	19870304	EP 1986-305655	19860723 <--
	EP 212859	A3	19880504		
	EP 212859	B1	19900912		
	R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
	GB 2179346	A1	19870304	GB 1986-17984	19860723 <--
	GB 2179346	B2	19890802		
	ZA 8605792	A	19870429	ZA 1986-5792	19860801 <--
	US 4802913	A	19890207	US 1986-893272	19860805 <--
	AU 8661099	A1	19870226	AU 1986-61099	19860813 <--
	AU 598741	B2	19900705		
	HU 41597	A2	19870528	HU 1986-3604	19860818 <--
	HU 201726	B	19901228		
	DK 8603945	A	19870223	DK 1986-3945	19860819 <--
	DK 173341	B1	20000731		
	CA 1280417	A1	19910219	CA 1986-516428	19860820 <--
	BR 8603992	A	19870407	BR 1986-3992	19860821 <--
	JP 62048649	A2	19870303	JP 1986-195741	19860822 <--
	JP 08019047	B4	19960228		
	ES 2001880	A6	19880701	ES 1986-1301	19860822 <--
	US 4913721	A	19900403	US 1988-264874	19881031 <--
	US 5124353	A	19920623	US 1989-416609	19891003 <--
	US 5229393	A	19930720	US 1992-863743	19920406 <--
PRAI	GB 1985-21082	A	19850822		
	US 1986-893272	A3	19860805		
	US 1988-264874	A3	19881031		
	US 1989-416609	A3	19891003		

10/690,527

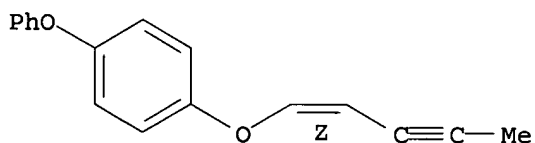
OS CASREACT 107:6939
IT **108193-98-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as fungicide and plant-growth regulator)
RN 108193-98-2 CAPLUS
CN 2-Propenoic acid, 3-methoxy-2-(4-phenoxyphenoxy)-, methyl ester, (Z)-
(9CI) (CA INDEX NAME)

Double bond geometry as shown.



L11 ANSWER 22 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1984:30901 CAPLUS
DN 100:30901
TI Synthesis and juvenile hormone activities of some new ether derivatives of hydroquinone
AU Massardo, Pietro; Bettarini, Franco; Piccardi, Paolo; Longoni, Angelo
CS Cent. Ric. Novara, Ist. Donegani S.p.A., Novara, 28100, Italy
SO Pesticide Science (1983), 14(5), 461-9
CODEN: PSSCBG; ISSN: 0031-613X
DT Journal
LA English
IT **88335-13-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and juvenile hormone activity of)
RN 88335-13-1 CAPLUS
CN Benzene, 1-(1-penten-3-ynyloxy)-4-phenoxy-, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L11 ANSWER 23 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1981:550222 CAPLUS
DN 95:150222
TI Phenoxyalkanoic and phenoxyalkenoic acid derivatives
PA Ihara Chemical Industry Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 56059732	A2	19810523	JP 1979-135011	19791019 <--
PRAI	JP 1979-135011	A	19791019		

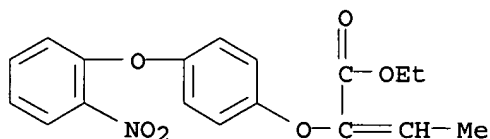
10/690,527

IT 79303-09-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 79303-09-6 CAPLUS

CN 2-Butenoic acid, 2-[4-(2-nitrophenoxy)phenoxy]-, ethyl ester (9CI) (CA
INDEX NAME)



L11 ANSWER 24 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1977:134891 CAPLUS

DN 86:134891

TI Phenoxyacrylates as herbicides

IN Takahashi, Ryoei; Yokomichi, Isao; Shigehara, Itaru; Sakashita, Nobuyuki

PA Ishihara Mining and Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

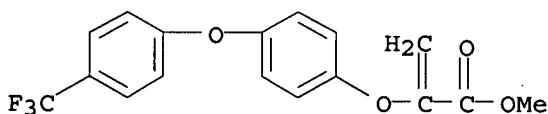
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 51139622	A2	19761202	JP 1975-62850	19750528 <--
PRAI	JP 1975-62850	A	19750528		

IT 62122-43-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except
adverse); BSU (Biological study, unclassified); SPN (Synthetic
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and herbicidal activity of)

RN 62122-43-4 CAPLUS

CN 2-Propenoic acid, 2-[4-[4-(trifluoromethyl)phenoxy]phenoxy]-, methyl ester
(9CI) (CA INDEX NAME)



L11 ANSWER 25 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1975:547310 CAPLUS

DN 83:147310

TI 4-Phenoxy- or 4-phenylthiobutenoic acid derivatives

IN Karrer, Friedrich; Farooq, Saleem

PA Ciba-Geigy A.-G., Switz.

SO Ger. Offen., 23 pp.

CODEN: GWXXBX

DT Patent

LA German

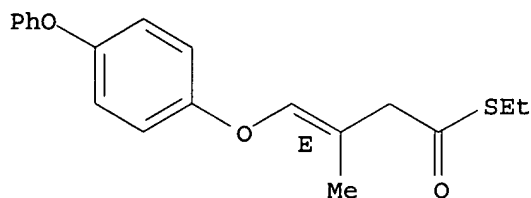
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2452721	A1	19750515	DE 1974-2452721	19741106 <--
	CH 600603	A	19780630	CH 1974-13565	19741009 <--

10/690,527

	US 3900507	A	19750819	US 1974-521314	19741106 <--
	FR 2250744	A1	19750606	FR 1974-36953	19741107 <--
	FR 2250744	B1	19781229		
	JP 50077530	A2	19750624	JP 1974-128863	19741108 <--
	ZA 7407191	A	19751126	ZA 1974-7191	19741108 <--
	GB 1480429	A	19770720	GB 1974-48437	19741108 <--
	US 4017536	A	19770412	US 1975-581070	19750527 <--
PRAI	CH 1973-15812	A	19731109		
	CH 1973-15813	A	19731109		
	CH 1974-13565	A	19741009		
	US 1974-521314	A3	19741106		
IT	56759-63-8P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of)				
RN	56759-63-8	CAPLUS			
CN	3-Butenethioic acid, 3-methyl-4-(4-phenoxyphenoxy)-, S-ethyl ester, (E)-				
	(9CI) (CA INDEX NAME)				

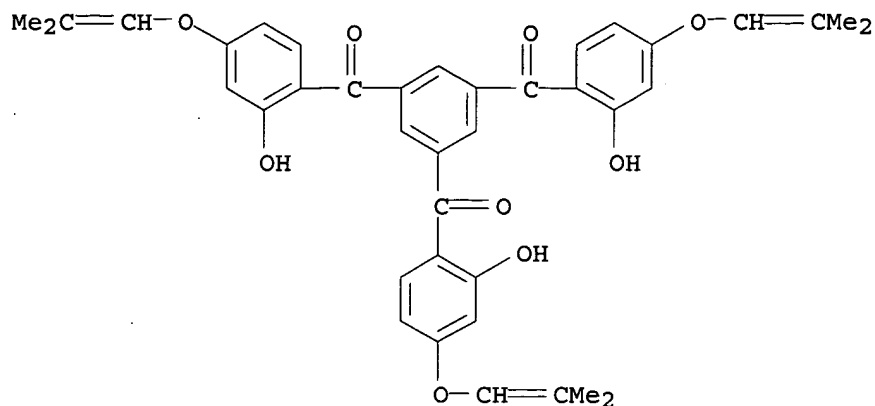
Double bond geometry as shown.



L11 ANSWER 26 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1970:436150 CAPLUS
DN 73:36150
TI 1,3,5-Tris(2-hydroxybenzoyl)benzenes as UV stabilizers
IN Brunetti, Heimo; Peterli, Hans J.; Mueller, Helmut; Heller, Hansjoerg
PA Geigy, J. R., A.-G.
SO Ger. Offen., 37 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

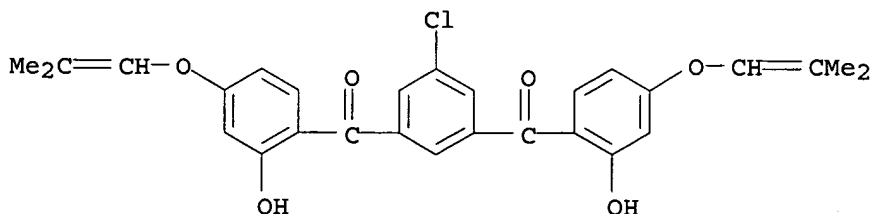
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PI	DE 1959399	A	19700611	DE 1969-1959399	19691126 <--
	CH 500256	A	19701215	CH 1968-500256	19681127 <--
	FR 2024355	A5	19700827	FR 1969-40735	19691126 <--
	GB 1276715	A	19720607	GB 1969-1276715	19691126 <--
PRAI	CH 1968-17641	A	19681127		
IT	30596-87-3				
	RL: USES (Uses)				
	(stabilizers, for vinyl compound polymers)				
RN	30596-87-3	CAPLUS			
CN	Benzene, 1,3,5-tris[4-[(2-methylpropenyl)oxy]salicyloyl]- (8CI) (CA INDEX NAME)				

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L11 ANSWER 27 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1970:436149 CAPLUS
 DN 73:36149
 TI 1,3-Bis(2-hydroxy-4-alkoxybenzoyl)benzene as UV stabilizers
 IN Brunetti, Heimo; Peterli, Hans J.; Mueller, Helmut; Heller, Hansjoerg
 PA Geigy, J. R., A.-G.
 SO Ger. Offen., 43 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1959398	A	19700611	DE 1969-1959398	19691126 <--
	CH 500257	A	19701215	CH 1968-500257	19681127 <--
	NL 6917809	A	19700529	NL 1969-17809	19691126 <--
	FR 2024356	A5	19700827	FR 1969-40736	19691126 <--
	AT 291942	B	19710810	AT 1969-11049	19691126 <--
	GB 1276146	A	19720601	GB 1969-1276146	19691126 <--
	BE 742298	A	19700527	BE 1969-742298	19691127 <--
PRAI	CH 1968-17642	A	19681127		
IT	30590-42-2				
	RL: USES (Uses)				
	(stabilizers, for vinyl compound polymers)				
RN	30590-42-2	CAPLUS			
CN	Benzene, 1-chloro-3,5-bis[4-[(2-methylpropenyl)oxy]salicyloyl]- (8CI) (CA INDEX NAME)				



L11 ANSWER 28 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1970:435060 CAPLUS
 DN 73:35060
 TI Ultraviolet absorbing 1-(2,4-dihydroxybenzoyl)-3-(2-hydroxy-4-alkoxybenzoyl)benzenes

10/690,527

IN Brunetti, Heimo; Peterli, Hans J.; Mueller, Helmut; Heller, Hansjoerg
PA Geigy, J. R., A.-G.
SO Ger. Offen., 35 pp.
CODEN: GWXXBX

DT Patent
LA German

FAN.CNT 1

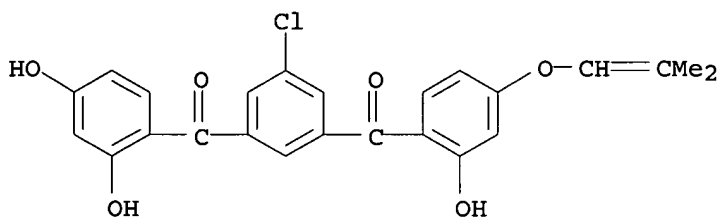
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PI	DE 1959404	A	19700611	DE 1969-1959404	19691126 <--
	CH 500258	A	19701215	CH 1968-500258	19681127 <--
	FR 2040962	A5	19710122	FR 1969-40737	19691126 <--
	GB 1276145	A	19720601	GB 1969-1276145	19691126 <--
PRAI	CH 1968-17643	A	19681127		

IT 27929-07-3P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 27929-07-3 CAPLUS

CN Benzophenone, 3'-chloro-2,4-dihydroxy-5'-[4-[(2-methylpropenyl)oxy]salicyloyl]- (8CI) (CA INDEX NAME)



L11 ANSWER 29 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1969:424699 CAPLUS

DN 71:24699

TI Hair sprays containing ultraviolet-absorbing copolymers

IN Skoultchi, Martin; Koehler, Frank T., Jr.

PA National Starch and Chemical Corp.

SO U.S., 7 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3445566	A	19690520	US 1966-535340	19660318 <--
	GB 1177796	A	19700114	GB 1967-1177796	19670315 <--
PRAI	US 1966-535340	A	19660318		

IT 25167-38-8, uses and miscellaneous

RL: BIOL (Biological study)

(as ultraviolet light-absorbing binder, in hair sprays)

RN 25167-38-8 CAPLUS

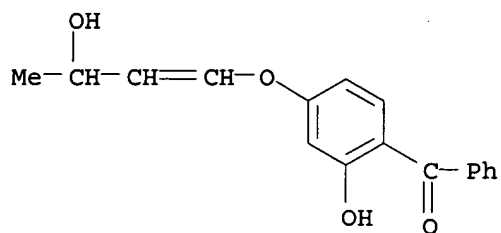
CN Crotonic acid, polymer with 2-hydroxy-4-[(3-hydroxy-1-butenyl)oxy]benzophenone and vinyl acetate (8CI) (CA INDEX NAME)

CM 1

CRN 47140-33-0

CMF C17 H16 O4

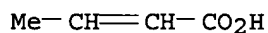
10/690,527



CM 2

CRN 3724-65-0

CMF C4 H6 O2



CM 3

CRN 108-05-4

CMF C4 H6 O2



L11 ANSWER 30 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1969:412834 CAPLUS

DN 71:12834

TI Bis(acrylvinyl) ethers of bisphenols

IN Khokhlov, P. S.; Savenkov, N. F.; Levskaya, G. S.; Bliznyuk, N. K.

PA All-Union Scientific-Research Institute of Phytopathology

SO U.S.S.R.

From: Izobret., Prom. Obraztsy, Tovarnye Znaki 1968, 45(34), 33.

CODEN: URXXAF

DT Patent

LA Russian

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 230179		19681030	SU	19670724 <--

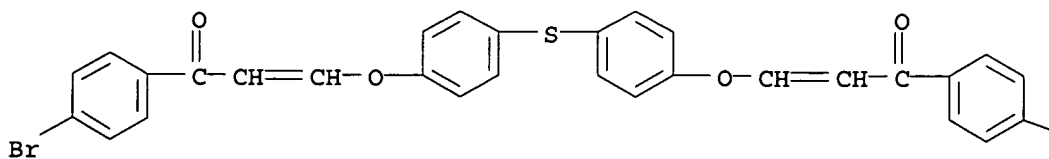
IT 23189-19-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 23189-19-7 CAPLUS

CN Acrylophenone, 3,3''-[thiobis(p-phenyleneoxy)]bis[4'-bromo- (8CI) (CA
INDEX NAME)

PAGE 1-A



Br

L11 ANSWER 31 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1967:473348 CAPLUS

DN 67:73348

TI Bisacrylate esters

IN Miller, Lee Alan

PA Monsanto Co.

SO U.S., 3 pp.

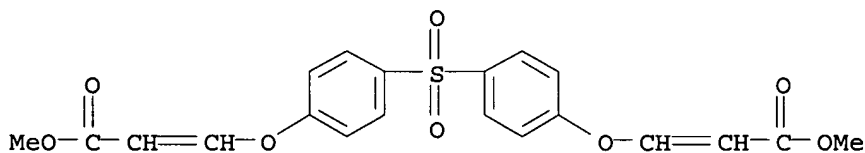
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3280170		19661018	US 1963-300168	19591008 <--
IT	15833-54-2P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	15833-54-2 CAPLUS				
CN	Acrylic acid, 3,3'-[sulfonylbis(p-phenyleneoxy)]di-, dimethyl ester (8CI) (CA INDEX NAME)				



L11 ANSWER 32 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1966:4739 CAPLUS

DN 64:4739

OREF 64:880f-g

TI Light-stabilized polyolefins

IN Coleman, Ralph A.; Milionis, Jerry P.

PA American Cyanamid Co.

SO 2 pp.

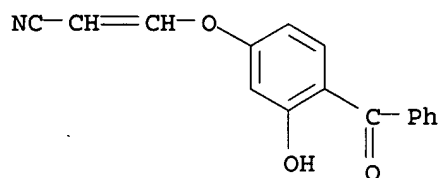
DT Patent

LA Unavailable

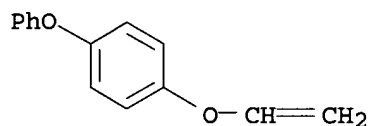
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3211696		19651012	US 1961-161439	19611222 <--
IT	4409-14-7, Acrylonitrile, 3-(4-benzoyl-3-hydroxyphenoxy)- (as light stabilizer for polymers)				
RN	4409-14-7 CAPLUS				
CN	Acrylonitrile, 3-(4-benzoyl-3-hydroxyphenoxy)- (7CI, 8CI) (CA INDEX NAME)				

10/690,527

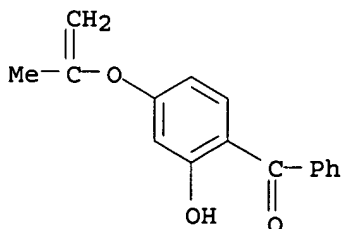


L11 ANSWER 33 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1965:454016 CAPLUS
DN 63:54016
OREF 63:9780a-b
TI Physical study of unsaturated aryl ethers and their derivatives. II. Study of the electron-transfer abilities of the oxygen atom
AU Frolov, Yu. L.; Kalabina, A. V.; Filippova, A. Kh.
CS A. A. Zhdanov State Univ., Irkutsk
SO Zhurnal Strukturnoi Khimii (1965), 6(3), 397-401
CODEN: ZSTKAI; ISSN: 0136-7463
DT Journal
LA Russian
IT 4024-20-8, Benzene, 1-phenoxy-4-(vinylloxy)-
(spectrum (Raman and ultraviolet) of, O electronegativity and)
RN 4024-20-8 CAPLUS
CN Benzene, 1-(ethenyloxy)-4-phenoxy- (9CI) (CA INDEX NAME)



L11 ANSWER 34 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1961:109225 CAPLUS
DN 55:109225
OREF 55:20518c-d
TI Vinyl chloride-vinylidene chloride copolymers resistant to light
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 35017688	B4	19600000	JP	
IT	101110-29-6				
	Benzophenone, 2-hydroxy-4-(isopropenyloxy)- (as stabilizer for vinyl chloride-vinylidene chloride polymers)				
RN	101110-29-6				
	CAPLUS				
CN	Benzophenone, 2-hydroxy-4-(isopropenyloxy)- (6CI) (CA INDEX NAME)				



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L11 ANSWER 35 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1961:54190 CAPLUS

DN 55:54190

OREF 55:10396i,10397a-d

TI N-Benzhydryl-O-alkylpseudoureas and their salts

IN Winthrop, Stanley O.

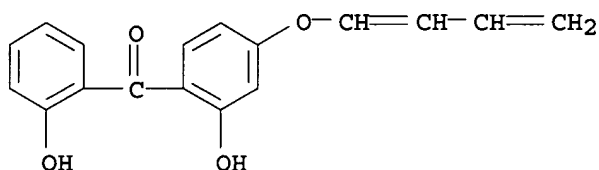
PA American Home Products Corp.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2971973		19610214	US 1957-672371	19570717 <--
IT	107153-10-6, Benzophenone, 4-(1,3-butadienyloxy)-2,2'-dihydroxy-				
	(preparation of)				
RN	107153-10-6 CAPLUS				
CN	Benzophenone, 4-(1,3-butadienyloxy)-2,2'-dihydroxy- (6CI)				(CA INDEX NAME)



L11 ANSWER 36 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1961:54189 CAPLUS

DN 55:54189

OREF 55:10396g-i

TI o-Hydroxybenzophenones with unsaturated ether substituents

IN Hardy, Wm. B.; Forster, Warren S.; Coleman, Ralph A.

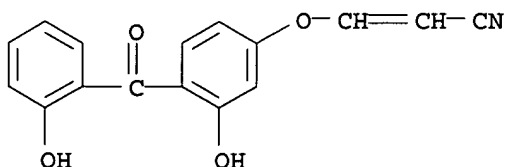
PA American Cyanamid Co.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2962533		19601129	US 1958-709753	19580120 <--
	GB 894154			GB	
IT	101727-47-3, Acrylonitrile, 3-(3-hydroxy-4-salicyloylphenoxy)-				
	(preparation of)				
RN	101727-47-3 CAPLUS				
CN	Acrylonitrile, 3-(3-hydroxy-4-salicyloylphenoxy)- (6CI)				(CA INDEX NAME)



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FULL ESTIMATED COST

SINCE FILE

ENTRY

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TOTAL

SESSION

338.88

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	340.92

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DICTIONARY FILE UPDATES: 18 APR 2006 HIGHEST RN 881002-15-9

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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* effective March 20, 2005. A new display format, IDERL, is now *
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10/690,527

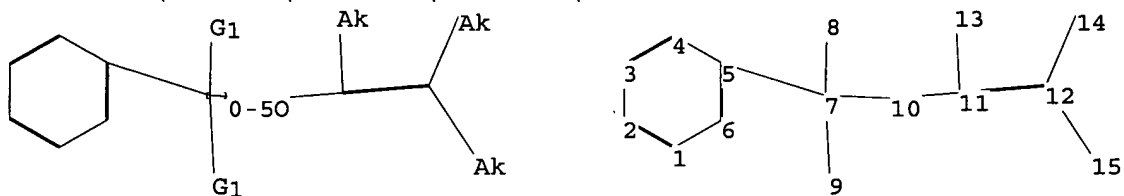
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chain nodes :

7 8 9 10 11 12 13 14 15

ring nodes :

1 2 3 4 5 6

chain bonds :

5-7 7-8 7-9 7-10 10-11 11-12 11-13 12-14 12-15

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

7-8 7-9 7-10 10-11 11-13 12-14 12-15

exact bonds :

5-7 11-12

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:Cb,Cy,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

L12 STRUCTURE UPLOADED

=> que L12

L13 QUE L12

=> s l13 sub=14 full

FULL SUBSET SEARCH INITIATED 09:56:19 FILE 'REGISTRY'

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628 ANSWERS

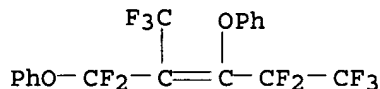
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L14 628 SEA SUB=L4 SSS FUL L12

=> d scan

10/690,527

L14 628 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1,1'-[[3,3-difluoro-1-(pentafluoroethyl)-2-(trifluoromethyl)-1-propene-1,3-diyl]bis(oxy)]bis- (9CI)
MF C18 H10 F10 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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FULL ESTIMATED COST	40.72	381.64

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* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

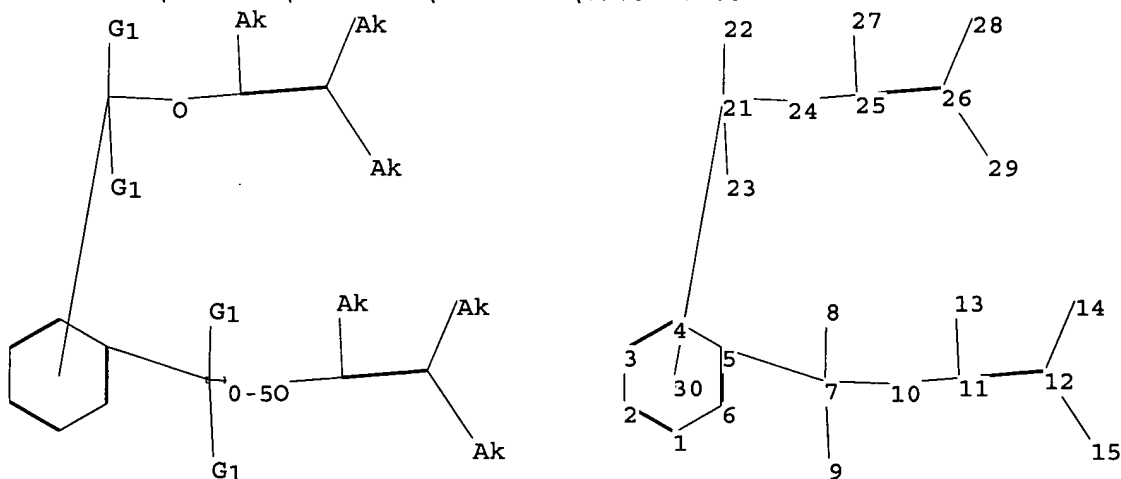
<http://www.cas.org/ONLINE/UG/regprops.html>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\Documents and Settings\rkeys\My
Documents\STNEXP4\TEMPLATE\STANDARD\690527d.str



chain nodes :

7 8 9 10 11 12 13 14 15 21 22 23 24 25 26 27 28 29

ring nodes :

1 2 3 4 5 6

chain bonds :

5-7 7-8 7-9 7-10 10-11 11-12 11-13 12-14 12-15 21-22 21-23 21-24 24-25
25-26 25-27 26-28 26-29

ring bonds :

10/690,527

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

7-8 7-9 7-10 10-11 11-13 12-14 12-15 21-22 21-23 21-24 24-25 25-27

26-28 26-29

exact bonds :

5-7 11-12 25-26

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:Cb,Cy,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS

11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 21:CLASS 22:CLASS 23:CLASS

24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS

L15 STRUCTURE UPLOADED

=> que L15

L16 QUE L15

=> d his

(FILE 'HOME' ENTERED AT 09:29:36 ON 20 APR 2006)

FILE 'REGISTRY' ENTERED AT 09:29:46 ON 20 APR 2006

L1 STRUCTURE UPLOADED

L2 QUE L1

L3 15 S L2

L4 7454 S L2 FUL

L5 STRUCTURE UPLOADED

L6 QUE L5

L7 74 S L6 FULL SUB=L4

FILE 'CAPLUS' ENTERED AT 09:33:44 ON 20 APR 2006

L8 44 S L7

L9 44 DUP REM L8 (0 DUPLICATES REMOVED)

L10 44 S L9

L11 36 S L9 AND 1700-2003/PY

FILE 'STNGUIDE' ENTERED AT 09:35:31 ON 20 APR 2006

FILE 'STNGUIDE' ENTERED AT 09:51:31 ON 20 APR 2006

FILE 'REGISTRY' ENTERED AT 09:55:37 ON 20 APR 2006

L12 STRUCTURE UPLOADED

L13 QUE L12

L14 628 S L13 FULL SUB=L4

FILE 'STNGUIDE' ENTERED AT 09:57:41 ON 20 APR 2006

FILE 'REGISTRY' ENTERED AT 10:01:01 ON 20 APR 2006

L15 STRUCTURE UPLOADED

L16 QUE L15

=> s l16 sub=l14 full

10/690,527

FULL SUBSET SEARCH INITIATED 10:01:59 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 69 TO ITERATE

100.0% PROCESSED 69 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L17 0 SEA SUB=L14 SSS FUL L15

=> s l16 sub=14 full

FULL SUBSET SEARCH INITIATED 10:02:23 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 837 TO ITERATE

100.0% PROCESSED 837 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L18 0 SEA SUB=L4 SSS FUL L15

=> log y

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

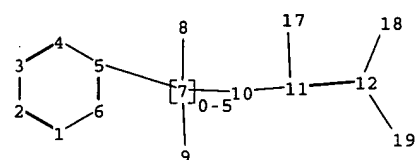
TOTAL
SESSION

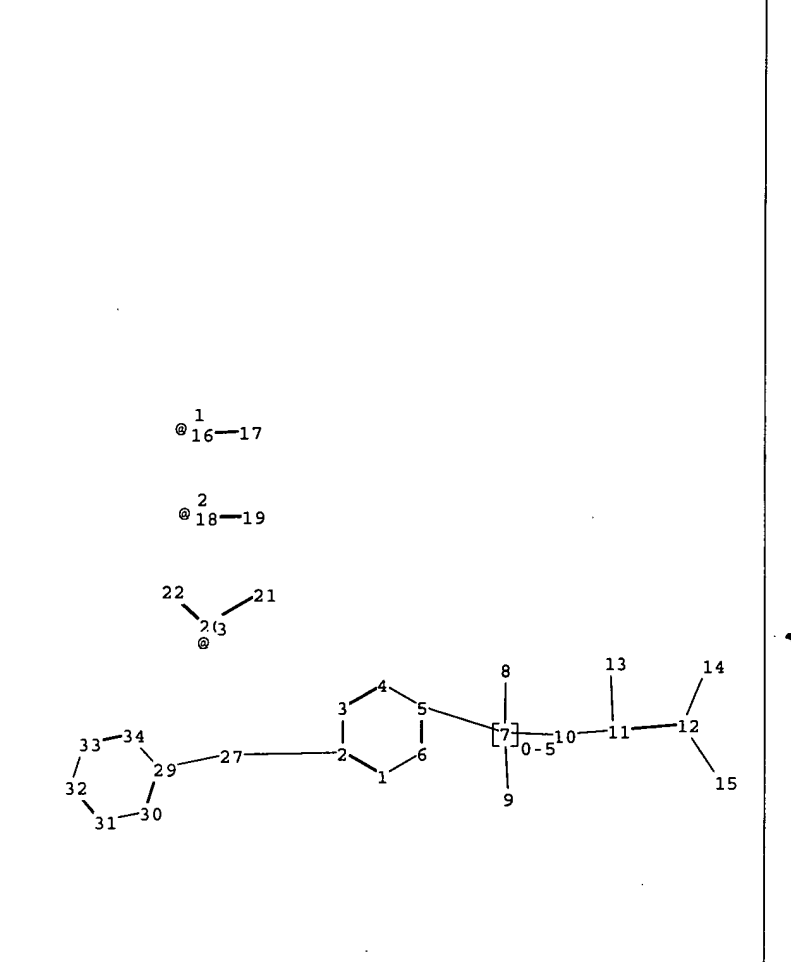
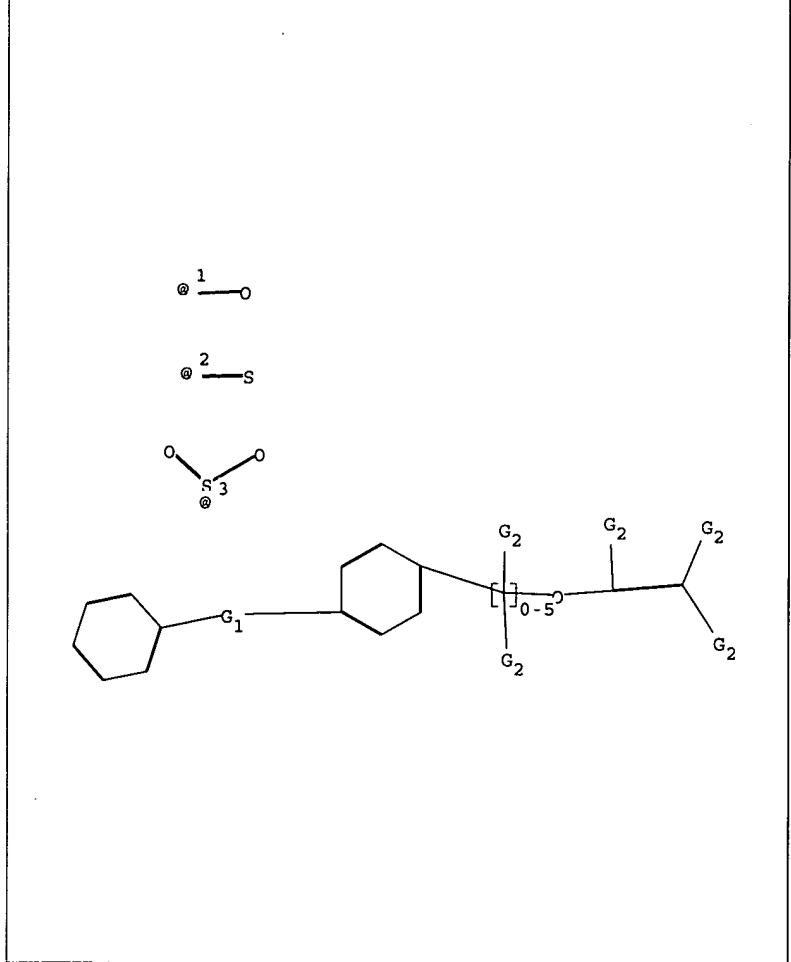
FULL ESTIMATED COST

80.56

462.56

STN INTERNATIONAL LOGOFF AT 10:03:10 ON 20 APR 2006





1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

